

Application No.: 10/807,528  
Filing Date: March 23, 2004

PATENT  
Client Code: ASMJP.146AUS  
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ASSIGNMENT

WHEREAS, We, Takayuki YAMAGISHI a Japanese citizen, residing at 23-1, 6-chome, Nagayama, Tama-shi, Tokyo 206-0025 Japan, Hiroki ARAI, a Japanese citizen, residing at 23-1, 6-chome, Nagayama, Tama-shi, Tokyo 206-0025 Japan, and Kiyoshi SATOH, a Japanese citizen, residing at 23-1, 6-chome, Nagayama, Tama-shi, Tokyo 206-0025 Japan, have invented certain new and useful improvements in a PLASMA TREATMENT APPARATUS for which we have executed an application for Letters Patent in the United States, on March 23, 2004;

AND WHEREAS, ASM JAPAN K. K. (hereinafter "ASSIGNEE"), a Japan Corporation, with its principal place of business at 23-1, 6-chome, Nagayama, Tama-shi, Tokyo 206-0025 Japan, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

This 14 day of April, 2004

Takayuki Yamagishi  
Takayuki YAMAGISHI

This 16 day of April, 2004

H. ARAI  
Hiroki ARAI

This 16 day of April, 2004

K. Satoh  
Kiyoshi SATOH

Witness

**DECLARATION - USA PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am an original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled **PLASMA TREATMENT APPARATUS** the specification of which was filed on March 23, 2004 as Application Serial No. 10/807,528;

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above;

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56;

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

**PRIOR FOREIGN APPLICATION(S)****Priority  
Claimed****No.: 2003-101993****Country: Japan****Date Filed: 04/04/03****Yes**

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful, false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of first inventor: **Takayuki YAMAGISHI**

Inventor's signature Takayuki Yamagishi

Date April 14, 2004

Residence: **23-1, 6-chome, Nagayama, Tama-shi, Tokyo 206-0025 Japan**

Citizenship: **Japan**

Post Office Address: **Same as above**

Full name of second inventor: **Hiroki ARAI**

Inventor's signature H. ARAI

Date April 16, 2007

Residence: **23-1, 6-chome, Nagayama, Tama-shi, Tokyo 206-0025 Japan**

Citizenship: **Japan**

Post Office Address: **Same as above**

Full name of third inventor: **Kiyoshi SATOH**

Inventor's signature K. Satoh

Date April 16, 2004

Residence: **23-1, 6-chome, Nagayama, Tama-shi, Tokyo 206-0025 Japan**

Citizenship: **Japan**

Post Office Address: **Same as above**

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Send Correspondence To:

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**Customer No. 20,995**